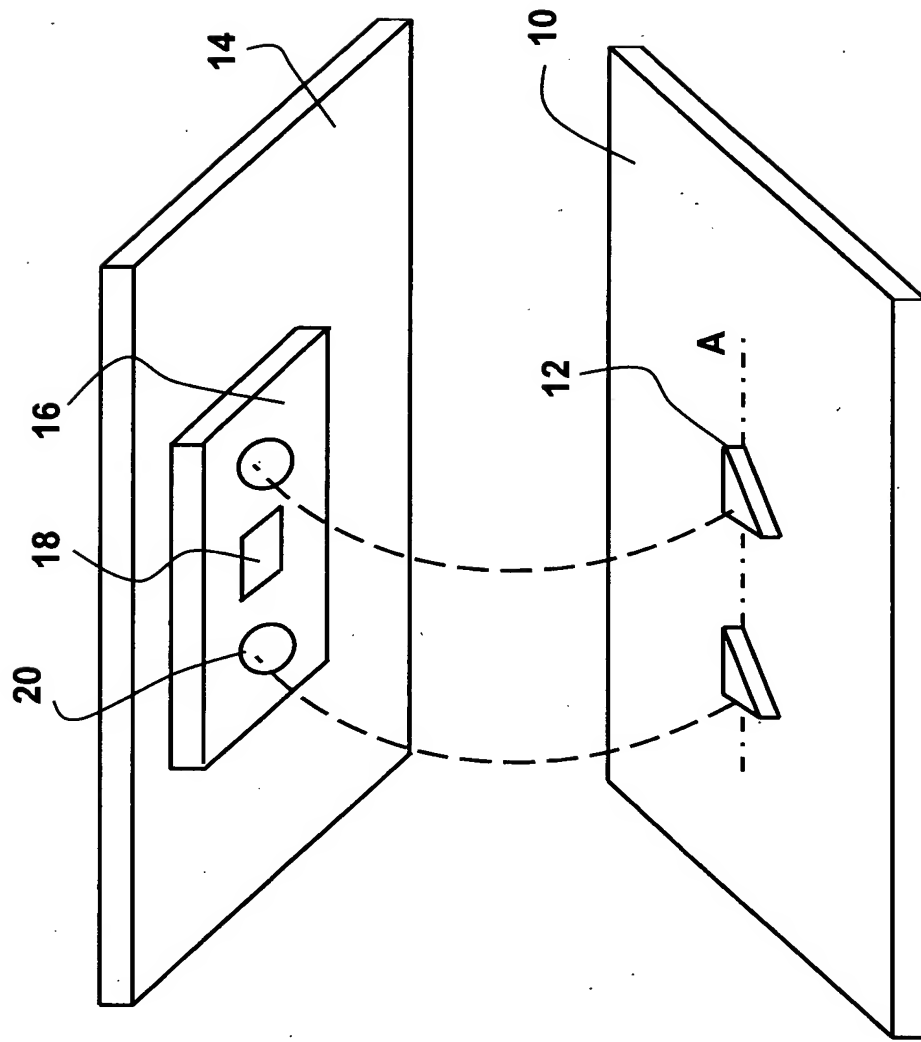


FIG. 1
(Prior Art)

FIG. 2



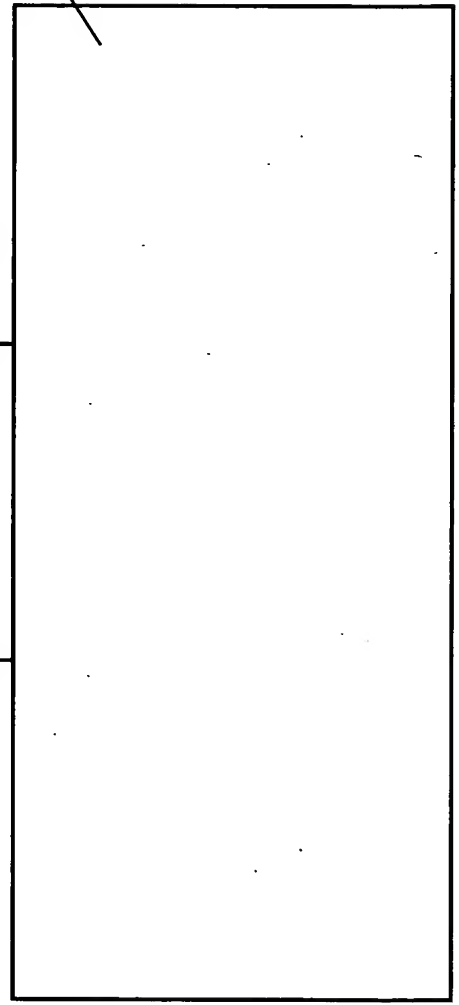
10

20 12

16

Plated Solder

FIG. 3



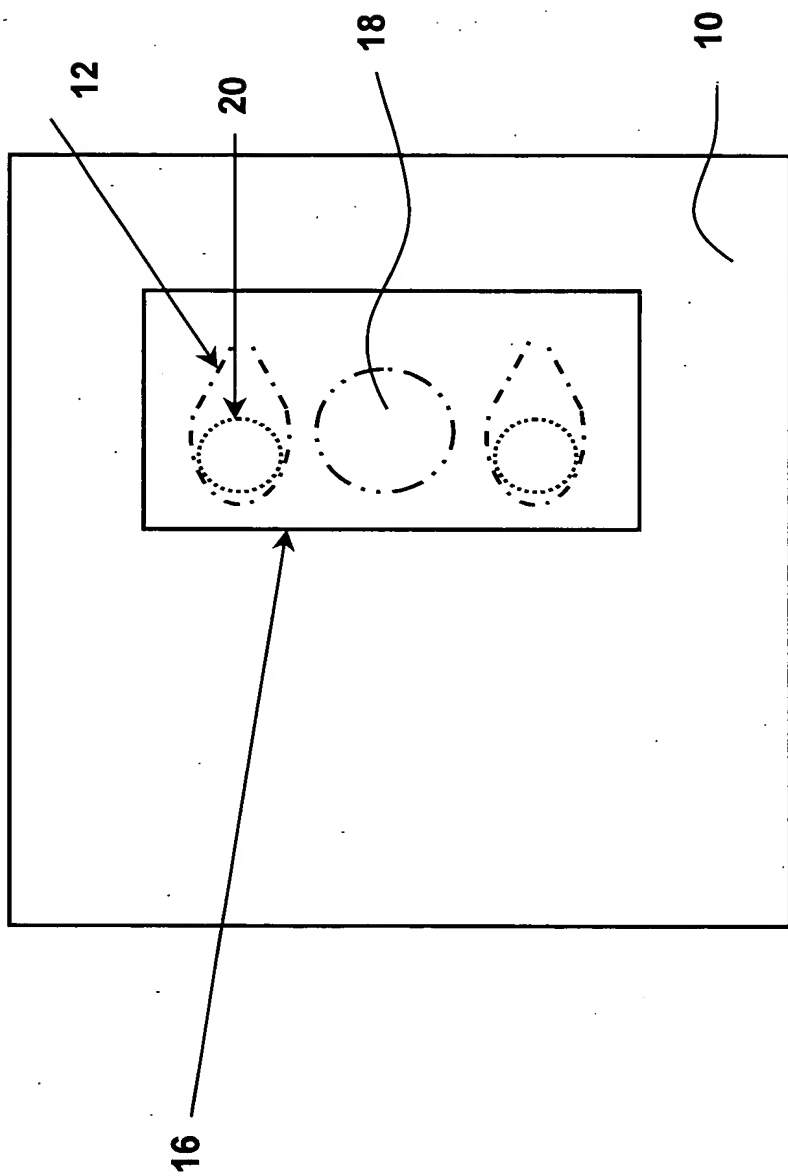


FIG. 4

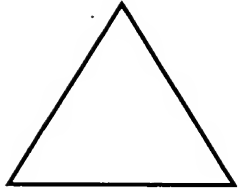
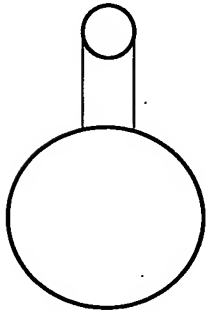


FIG. 5

Alternative Pad Shapes

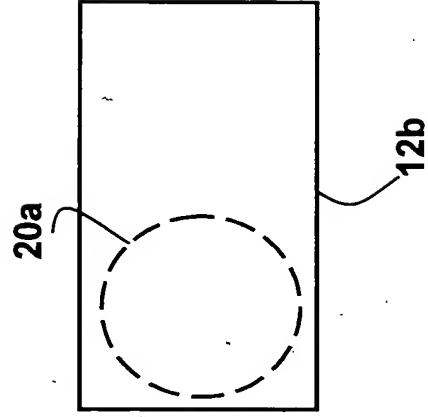
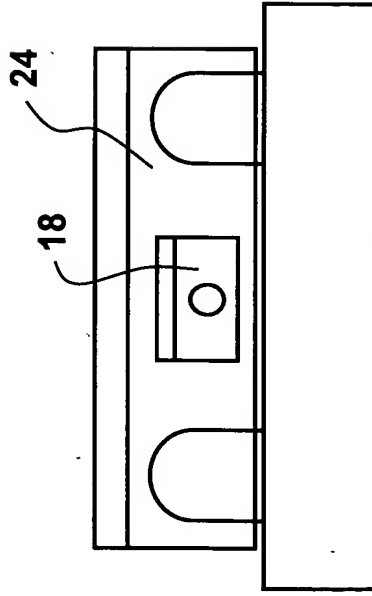
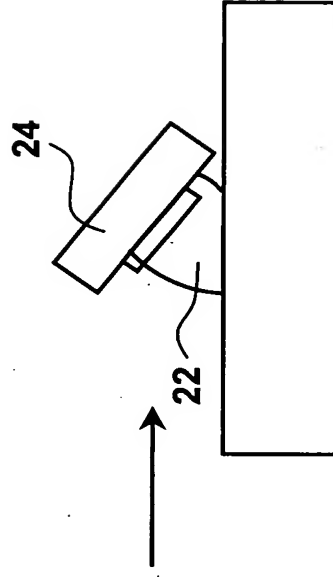


FIG. 5a



Front View

FIG. 6a



Side View

FIG. 6b

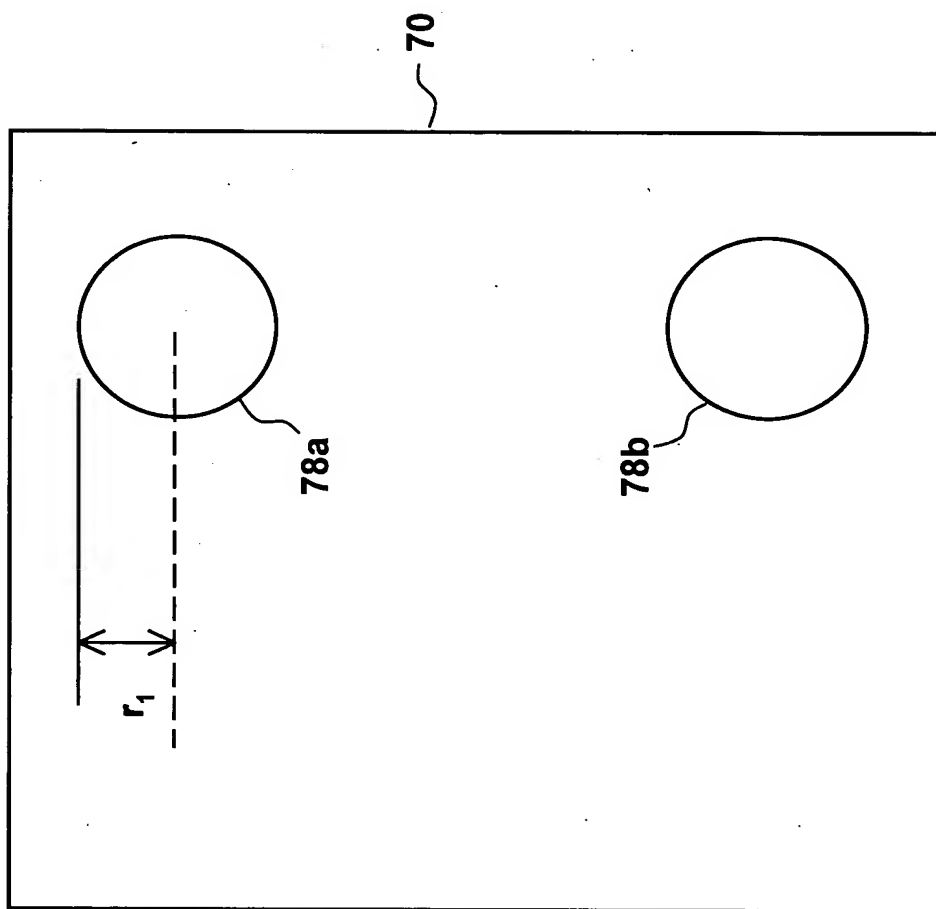


FIG. 7

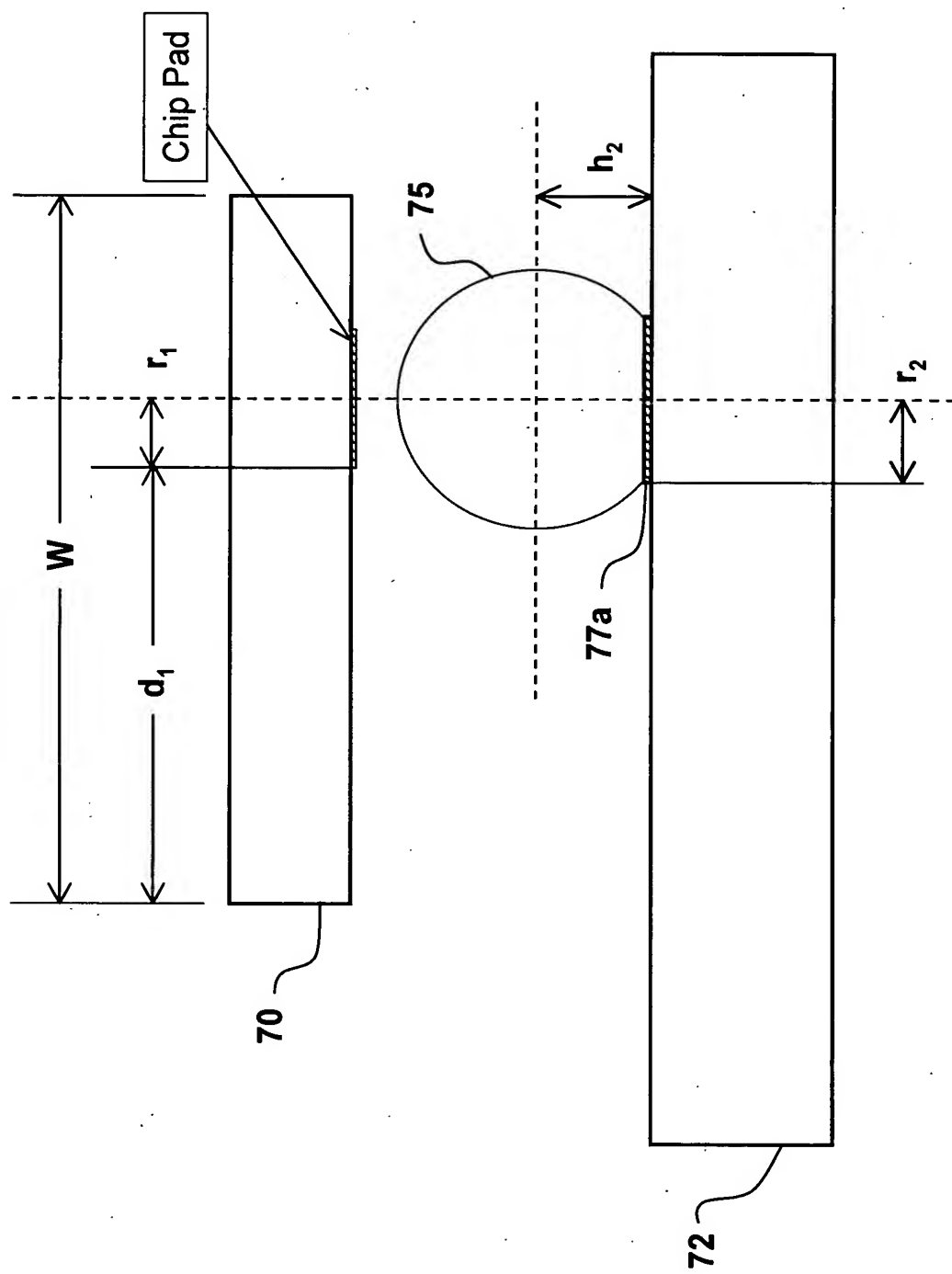


FIG. 8

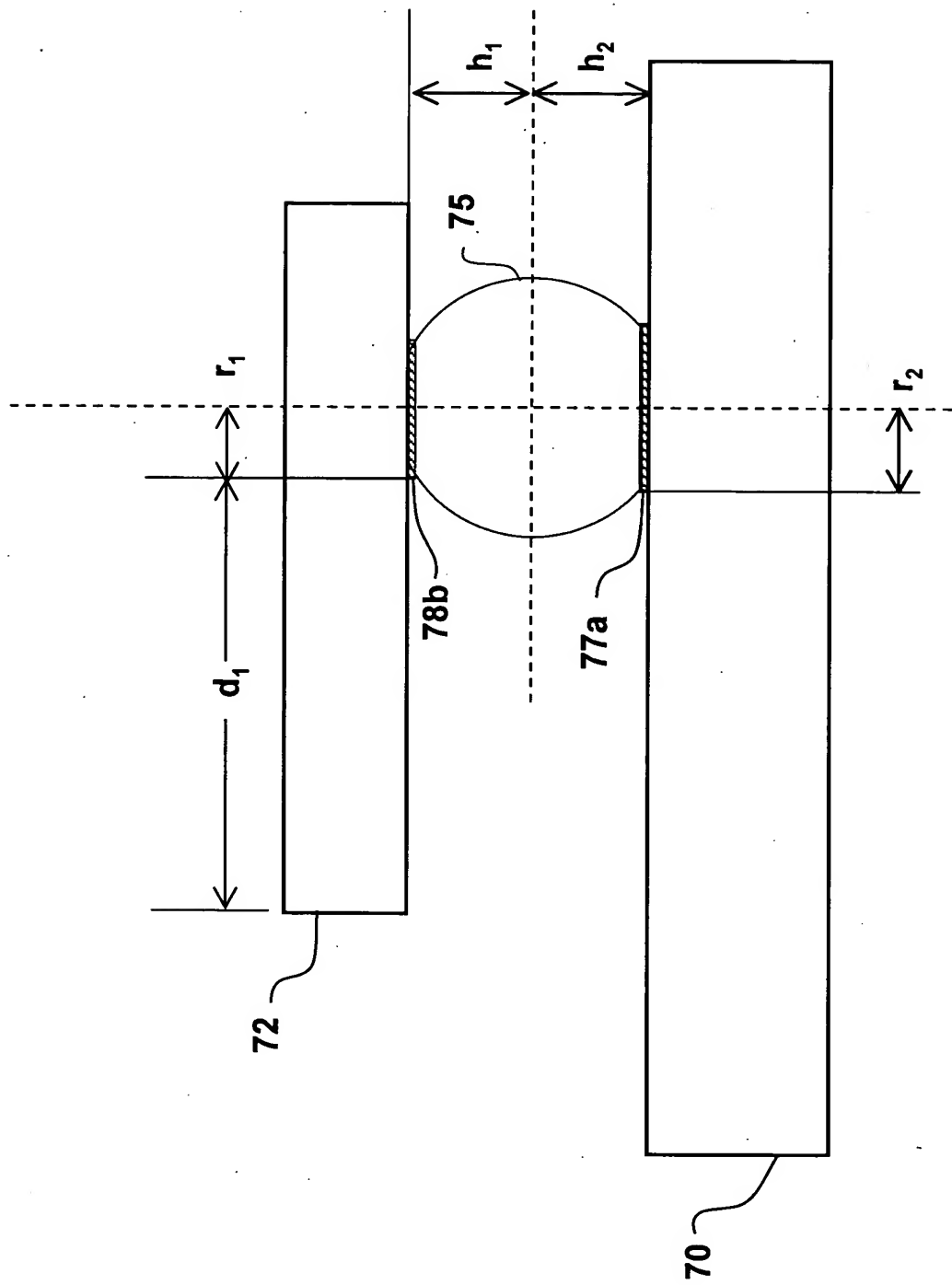


FIG. 9

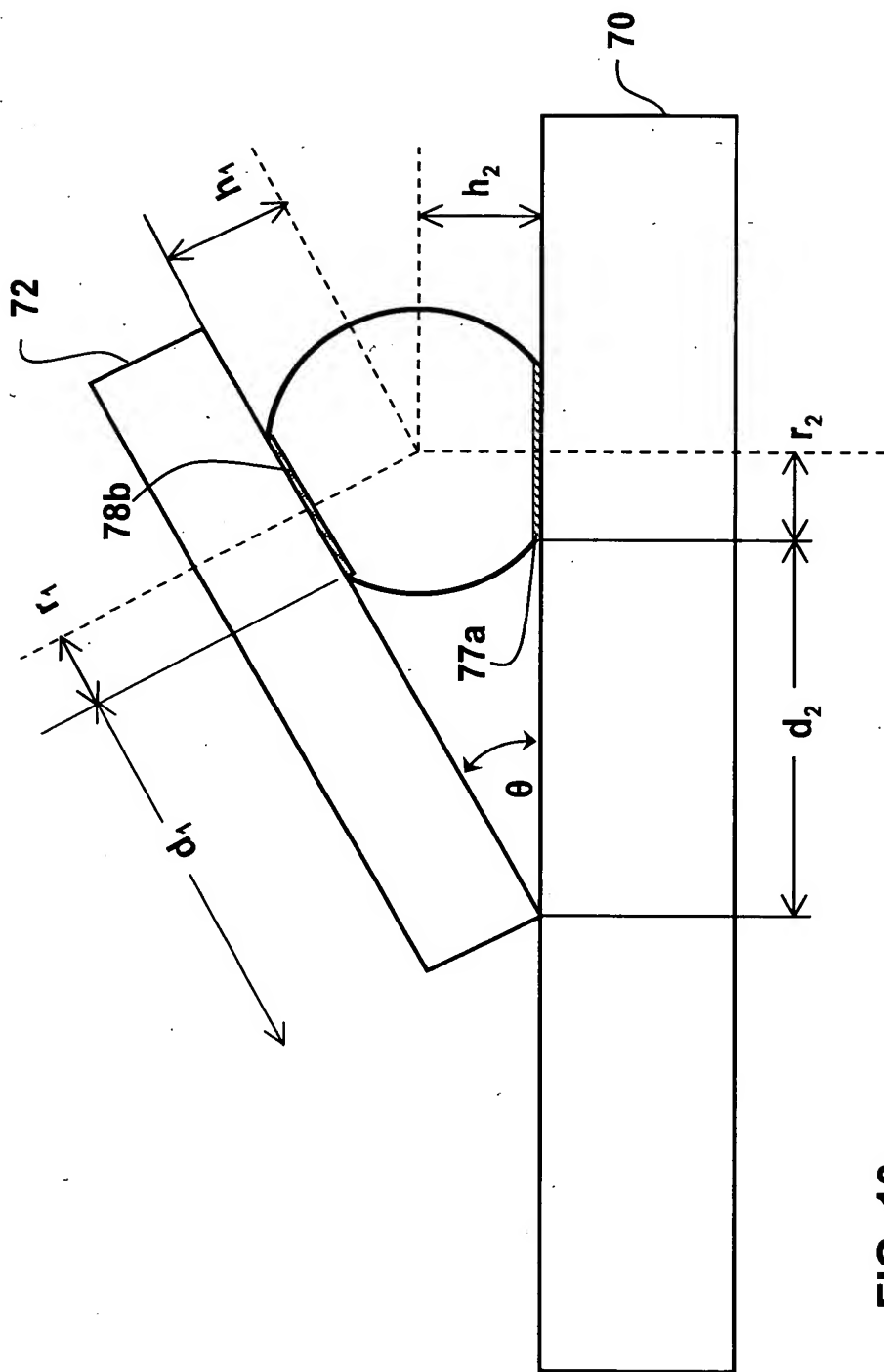


FIG. 10

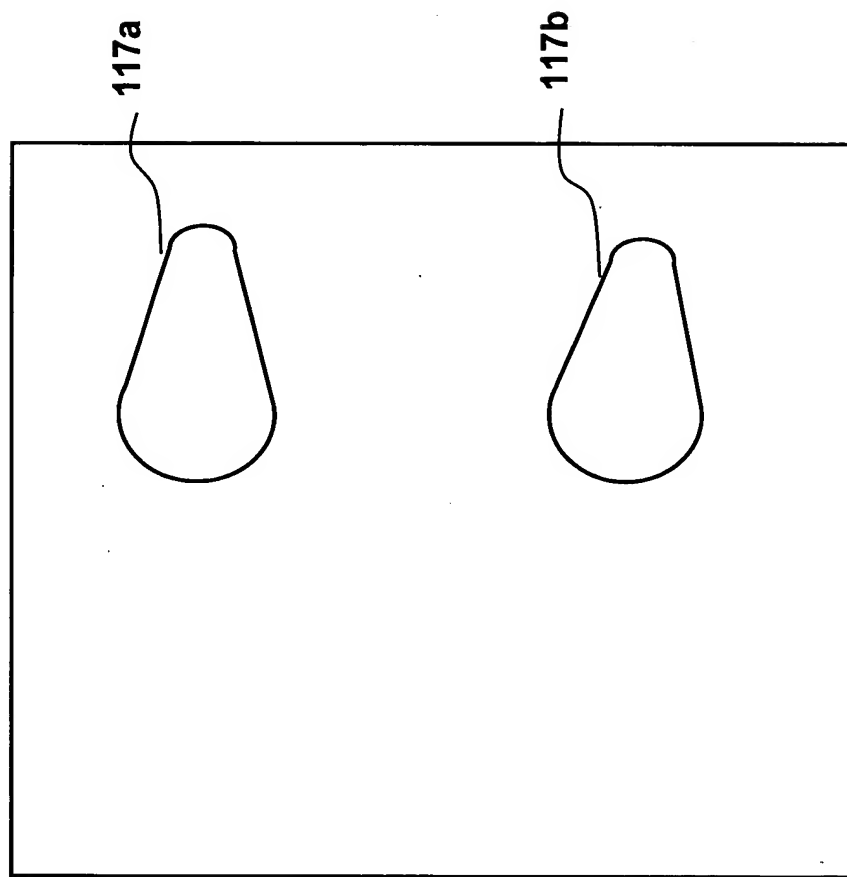


FIG. 11

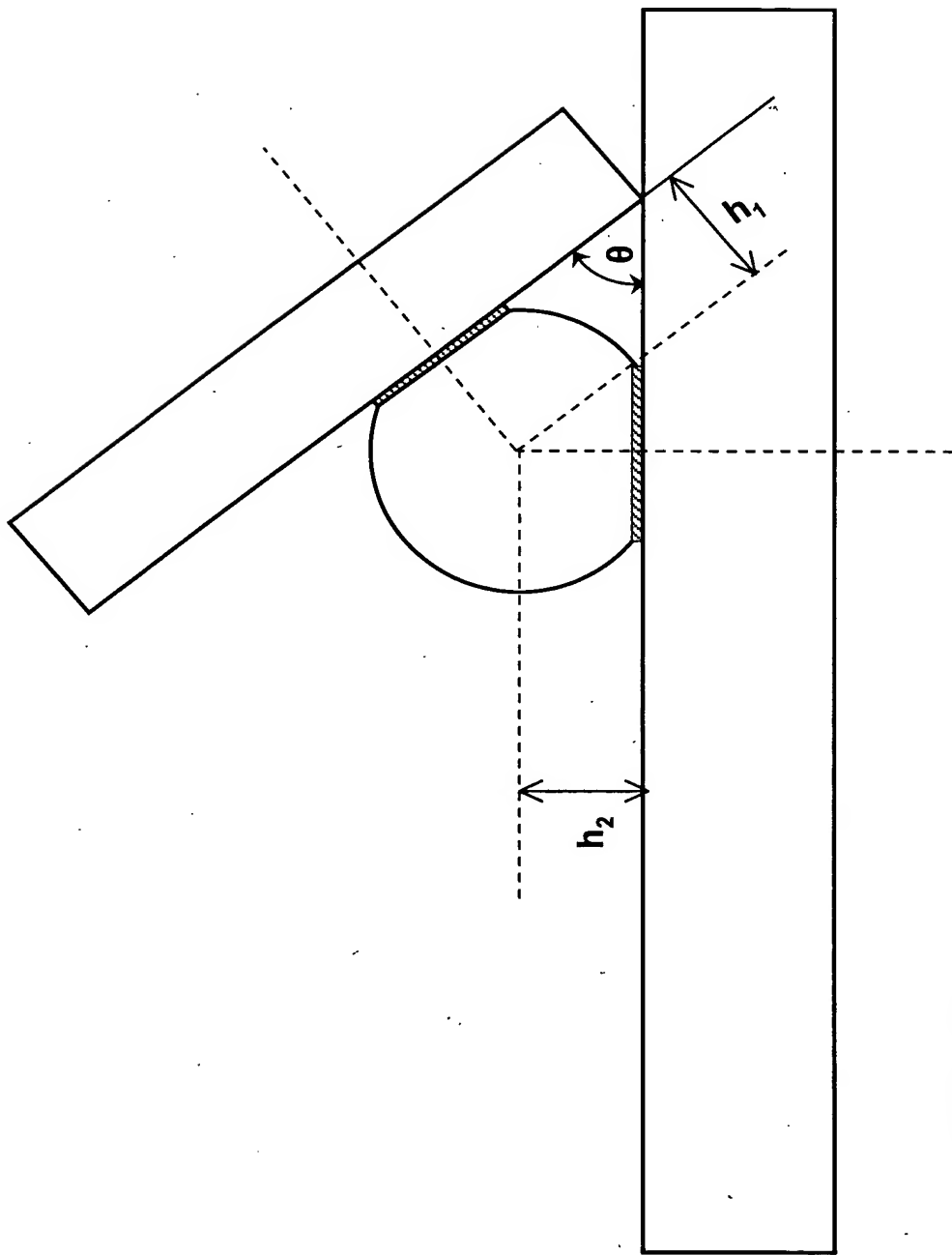


FIG. 12

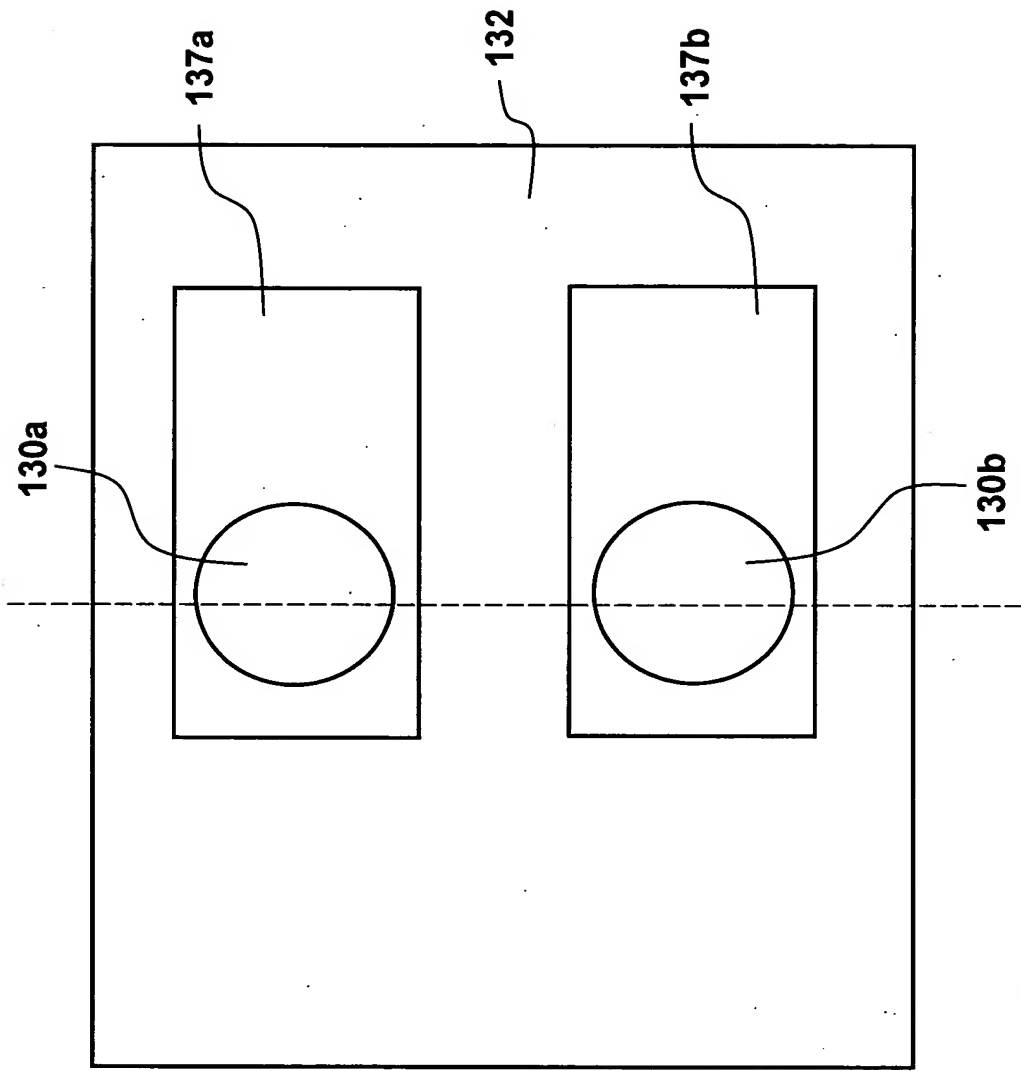


FIG. 13